

WHAT IS CLAIMED IS:

1. A disc-transfer roll, a pair of which are to be arranged on opposite sides of a disc slot to sandwich and transfer a disc in a disc device, comprising a hollow cylindrical body of an elastic material, the hollow cylindrical body having a plurality of spline slots formed on its inner circumference, and a cylindrical support body press-fitted in the hollow cylindrical body, the cylindrical support body having another plurality of spline ridges to define predetermined unfilled spaces between the concentric cylindrical bodies.
2. A disc-transfer roll according to claim 1, wherein number of the spline ridges is smaller than number of the spline slots so that the predetermined unfilled spaces are formed between the concentric cylindrical bodies.
3. A disc-transfer roll according to claim 1, wherein a width of each spline slot is large enough to contain two or more spline ridges, and number of the spline ridges is larger than number of the spline slots so that the predetermined unfilled spaces are formed between the concentric cylindrical bodies.
4. A disc-transfer roll according to claim 1, wherein a height of each spline ridge is smaller than a depth of each spline slot so that the predetermined unfilled spaces are formed between the concentric cylindrical bodies.
5. A disc-transfer roll according to claim 1, wherein each spline ridge has one side chamfered to form predetermined unfilled spaces between the concentric cylindrical bodies.
6. A disc-transfer roll according to claim 1, wherein each spline ridge has its middle cut and removed to form predetermined unfilled spaces between the concentric cylindrical bodies.